Amendments to the Claims

Please cancel claims 36, 44, 61, 63, and 65, and amend claims 18, 19, 21, 25, 26, 28, 29, 31, 35, 40, and 43, as follows. A complete listing of the claims is provided below.

(Previously Presented) A method of processing a x-ray image, comprising:
 collecting a first x-ray image and a second x-ray image;
 determining a composite image based on the first and second x-ray images;
 collecting a third x-ray image, wherein at least a portion of the first x-ray image and at
 least a portion of the third x-ray image comprise images of a same portion of an object; and
 enhancing a feature in the third x-ray image by adjusting the third x-ray image based on
 the composite image;

wherein the third x-ray image is collected without performing a weighted subtraction of the first x-ray image.

- 2. (Original) The method of claim 1, wherein the first, second, and third x-ray images are generated in a sequence.
- 3. (Original) The method of claim 1, wherein the first, second, and third x-ray images each contains an image of at least a portion of an animal body.
- 4. (Original) The method of claim 1, wherein the determining a composite image comprises performing a image averaging on the first and second x-ray images.
- 5. (Original) The method of claim 4, wherein the image averaging is performed using a boxcar averaging technique.
- 6. (Original) The method of claim 4, wherein the image averaging is performed based on a weighted average.

- 7. (Original) The method of claim 1, wherein the adjusting comprises subtracting the composite image from the third x-ray image.
- 8. (Previously Presented) A system for processing a x-ray image, comprising: means for collecting a first x-ray image and a second x-ray image; means for determining a composite image based on the first and second x-ray images; means for collecting a third x-ray image without performing a weighted subtraction of the first x-ray image, wherein at least a portion of the first x-ray image and at least a portion of the third x-ray image comprise images of a same portion of an object; and

means for enhancing a feature in the third x-ray image by adjusting the third x-ray image based on the composite image.

- 9. (Original) The system of claim 8, wherein the means for determining a composite image comprises means for performing an image averaging on the first and second x-ray images.
- 10. (Original) The system of claim 8, wherein the means for adjusting comprises means for subtracting the composite image from the third x-ray image.
- 11. (Previously Presented) A computer readable medium having a set of stored instructions, the execution of which causes a process to be performed, the process comprising:

collecting a first x-ray image and a second x-ray image;

determining a composite image based on the first and second x-ray images;

collecting a third x-ray image, wherein at least a portion of the first x-ray image and at

least a portion of the third x-ray image comprise images of a same portion of an object; and

enhancing a feature in the third x-ray image by adjusting the third x-ray image based on the composite image;

wherein the third x-ray image is collected without performing a weighted subtraction of the first x-ray image.

- 12. (Original) The computer readable medium of claim 11, wherein the first, second, and third x-ray images are generated in a sequence.
- 13. (Original) The computer readable medium of claim 11, wherein the first, second, and third x-ray images each contains an image of at least a portion of an animal body.
- 14. (Original) The computer readable medium of claim 11, wherein the determining a composite image comprises performing an image averaging on the first and second x-ray images.
- 15. (Original) The computer readable medium of claim 14, wherein the image averaging is performed using a boxcar averaging technique.
- 16. (Original) The computer readable medium of claim 14, wherein the image averaging is performed based on a weighted average.
- 17. (Original) The computer readable medium of claim 11, wherein the adjusting comprises subtracting the composite image from the third x-ray image.
- (Currently Amended) A method of processing a x-ray image, comprising:
 collecting one two or more x-ray images;

determining a composite image based on the one using at least two of the two or more x-ray images;

collecting an input x-ray image, wherein at least a portion of one of the one two or more x-ray images and at least a portion of the input x-ray image comprise images of a same portion of an object; and

enhancing a feature of the input x-ray image based on the composite image;

wherein the input x-ray image is collected without performing a weighted subtraction of the ene two or more x-ray images.

- 19. (Currently Amended) The method of claim 18, wherein the collecting the one two or more x-ray images comprises generating the one two or more x-ray images in a sequence.
- 20. (Original) The method of claim 18, wherein the input x-ray image contains an image of at least a portion of an animal body.
- 21. (Currently Amended) The method of claim 18, wherein the determining a composite image comprises performing an image averaging on the one at least two of the two or more x-ray images.
- 22. (Original) The method of claim 21, wherein the image averaging is performed using a boxcar averaging technique.
- (Original) The method of claim 21, wherein the image averaging is performed based on a weighted average.
- 24. (Original) The method of claim 18, wherein the enhancing comprises subtracting the composite image from the input x-ray image.
- 25. (Currently Amended) A system for processing an image, comprising: means for collecting one two or more x-ray images; means for determining a composite image based on the one using at least two of the two or more x-ray images;

means for collecting an input x-ray image without performing a weighted subtraction of the one two or more x-ray images, wherein at least a portion of one of the one two or more x-ray images and at least a portion of the input x-ray image comprise images of a same portion of an object; and

means for enhancing a feature of the input x-ray image based on the composite image.

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- 26. (Currently Amended) The system of claim 25, wherein the means for determining a composite image comprises means for performing an image averaging on the one at least two of the two or more x-ray images.
- 27. (Original) The system of claim 25, wherein the means for enhancing comprises means for subtracting the composite image from the input x-ray image.
- 28. (Currently Amended) A computer readable medium having a set of stored instructions, the execution of which causes a process to be performed, the process comprising:

collecting one two or more x-ray images;

determining a composite image based on the one using at least two of the two or more x-ray images;

collecting an input x-ray image, wherein at least a portion of one of the ene two or more x-ray images and at least a portion of the input x-ray image comprise images of a same portion of an object; and

enhancing a feature of the input x-ray image based on the composite image;
wherein the input x-ray image is collected without performing a weighted subtraction of
the ene two or more x-ray images.

- 29. (Currently Amended) The computer readable medium of claim 28, wherein the collecting the ene two or more images comprises generating the ene two or more x-ray images in a sequence.
- 30. (Original) The computer readable medium of claim 28, wherein the input x-ray image contains an image of at least a portion of an animal body.
- 31. (Currently Amended) The computer readable medium of claim 28, wherein the determining a composite image comprises performing an image averaging on the one at least two of the two or more x-ray images.

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- 32. (Original) The computer readable medium of claim 31, wherein the image averaging is performed using a boxcar averaging technique.
- 33. (Original) The computer readable medium of claim 31, wherein the image averaging is performed based on a weighted average.
- 34. (Original) The computer readable medium of claim 28, wherein the enhancing comprises subtracting the composite image from the input x-ray image.
- 35. (Currently Amended) A method of processing a x-ray image, comprising: obtaining a first x-ray image;

obtaining a second x-ray image, wherein the first and the second x-ray images are obtained using x-ray radiation having a same energy level, and at least a portion of the first x-ray image and at least a portion of the second x-ray image comprise images of a same portion of an object; and

determining a composite image based on at least a portion of the first and second x-ray images;

wherein the first and second x-ray images are generated in a sequence.

- 36. (Canceled)
- 37. (Original) The method of claim 35, wherein the first and second x-ray images each contains an image of at least a portion of an animal body.
- 38. (Original) The method of claim 35, wherein the determining a composite image comprises subtracting at least a portion of the first x-ray image from at least a portion of the second x-ray image.
- 39. (Original) The method of claim 35, further comprising determining a value associated with a contrast of the composite image.

- 40. (Currently Amended) A system for processing a x-ray image, comprising:

 means for obtaining a first x-ray image and a second x-ray image in a sequence;

 wherein the means for obtaining a second x-ray image, wherein the first and the second x-ray images are obtained using uses x-ray radiation having a same energy level to obtain the first and the second x-ray images, and at least a portion of the first x-ray image and at least a portion of the second x-ray image comprise images of a same portion of an object; and means for determining a composite image based on at least a portion of the first x-ray image and at least a portion of the second x-ray image.
- 41. (Original) The system of claim 40, wherein the means for determining a composite image comprises means for subtracting at least a portion of the first x-ray image from at least a portion of the second x-ray image.
- 42. (Original) The system of claim 40, further comprising means for determining a value associated with a contrast of the composite image.
- 43. (Currently Amended) A computer readable medium having a set of stored instructions, the execution of which causes a process to be performed, the process comprising:

obtaining a first x-ray image;

obtaining a second x-ray image, wherein the first and the second x-ray images are obtained using x-ray radiation having a same energy level, and at least a portion of the first x-ray image and at least a portion of the second x-ray image comprise images of a same portion of an object; and

determining a composite image based on at least a portion of the first and second x-ray images;

wherein the first and second x-ray images are generated in a sequence.

44. (Canceled)

- 45. (Original) The computer readable medium of claim 43, wherein the first and second x-ray images each contains an image of at least a portion of an animal body.
- 46. (Original) The computer readable medium of claim 43, wherein the determining a composite image comprises subtracting at least a portion of the first x-ray image from at least a portion of the second x-ray image.
- 47. (Original) The computer readable medium of claim 43, wherein the process further comprising determining a value associated with a contrast of the composite image.
- 48. (Previously Presented) The method of claim 1, wherein the feature comprises a moving feature, which is a characteristic in the third x-ray image due to a movement of the portion of the object.
- 49. (Previously Presented) The system of claim 8, wherein the feature comprises a moving feature, which is a characteristic in the third x-ray image due to a movement of the portion of the object.
- 50. (Previously Presented) The computer readable medium of claim 11, wherein the feature comprises a moving feature, which is a characteristic in the third x-ray image due to a movement of the portion of the object.
- 51. (Previously Presented) The method of claim 35, wherein the first and the second x-ray images are generated using an imaging device that remains stationary between a first time at which the first x-ray image is generated and a second time at which the second x-ray image is generated.
- 52. (Previously Presented) The system of claim 40, wherein the means for obtaining the first x-ray image and the means for obtaining the second x-ray image comprises an imaging device

that remains stationary between a first time at which the first x-ray image is generated and a second time at which the second x-ray image is generated.

- 53. (Previously Presented) The computer readable medium of claim 43, wherein the first and the second x-ray images are generated using an imaging device that remains stationary between a first time at which the first x-ray image is generated and a second time at which the second x-ray image is generated.
- 54. (Previously Presented) The method of claim 1, wherein the feature in the third x-ray image is enhanced without using a contrast media.
- 55. (Previously Presented) The method of claim 1, further comprising generating the first x-ray image and the second x-ray image using x-ray having a same energy level.
- 56. (Previously Presented) The system of claim 8, wherein the means for enhancing the feature in the third x-ray image does not include a contrast media.
- 57. (Previously Presented) The system of claim 8, further comprising means for generating the first and the second x-ray images using x-ray having a same energy level.
- 58. (Previously Presented) The computer readable medium of claim 11, wherein the feature in the third x-ray image is enhanced without using a contrast media.
- 59. (Previously Presented) The computer readable medium of claim 11, wherein the process further comprises generating the first x-ray image and the second x-ray image using x-ray having a same energy level.
- 60. (Previously Presented) The method of claim 18, wherein the feature in the input x-ray image is enhanced without using a contrast media.

- 61. (Canceled)
- 62. (Previously Presented) The system of claim 25, wherein the means for enhancing the feature in the input x-ray image does not include a contrast media.
- 63. (Canceled)
- 64. (Previously Presented) The computer readable medium of claim 28, wherein the feature in the input x-ray image is enhanced without using a contrast media.
- 65. (Canceled)